

Remarks

Claims 13 to 22 are in this application.

Original claims 1 to 12 have been canceled and replaced by new claims 13 to 22 in order to more particularly conform to US practice and to conform with the provisions of 35 USC 112.

Claim 13 is directed to a descaler head comprising "a rotatable central support shaft; at least one pair of disc-shaped plates mounted on said shaft ... each said plate having a pair of diametrically disposed deformed sections directed in opposite directions relative to each other; and a plurality of descaler parts mounted peripherally of and between said pair of disc-shaped plates at a distance from said shaft ...".

Dalseide describes a descaler head assembly in the embodiment of Fig. 1 having a single holding element 10 mounted on a shaft with descaler elements 13,14 at the ends; in the embodiment of Fig. 2 having multiple bar shaped components mounted in pairs on a shaft; and in the embodiment of Fig. 3 having three holding elements mounted on a shaft. Dalseide does not describe or teach a descaler head assembly with at least one pair of disc-shaped plates mounted on a shaft with "each said plate having a pair of diametrically disposed deformed sections directed in opposite directions" as required by claim 1. Accordingly, claim 13 is believed to be allowable over Dalseide pursuant to the provisions of 35 USC 102 and 103.

Claim 13 further requires the descaler parts mounted on the deformed sections to be "longitudinally offset relative to the remainder of said descaler parts whereby upon rotation of said shaft said descaler parts descale overlapping sections on a surface to be descaled". Dalseide is void of any such structure or teaching. For this additional

reason, claim 13 is believed to be allowable over Dalseide pursuant to the provisions of 35 USC 102 and 103.

Claims 14 to 17 depend from claim 13 and are believed to be allowable for similar reasons.

Further, claim 14 requires the descaler elements to define a spiral shaped pattern about the shaft. Dalseide is void of any such structure or teaching.

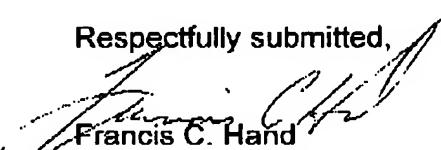
Claims 15 and 16 are directed to structures not found in Dalseide.

Claim 18 contains recitations similar to claim 13 and is believed to be allowable for similar reasons.

Claims 19 to 22 depend from claim 18 and are believed to be allowable for similar reasons.

The application is believed to be in condition for allowance and such is respectfully requested.

Respectfully submitted,



Francis C. Hand
Reg. No. 22,280

CARELLA, BYRNE BAIN, GILFILLAN,
CECCHI, STEWART & OLSTEIN
5 Becker Farm Road
Roseland, NJ 07068
Phone: 973-994-1700